

**METHOD AND APPARATUS FOR ACCURATELY LOCATING A COMMUNICATION
DEVICE IN A WIRELESS COMMUNICATION SYSTEM**

ABSTRACT OF THE DISCLOSURE

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10 A wireless communication system employs a method and
apparatus for accurately locating a communication device in
the system. The communication system includes a system
infrastructure that provides communication services to
communication devices distributed throughout the
communication system. Either on its own or, more
preferably, responsive to a request from a requesting device
for an accurate location of a particular communication
device, the system infrastructure determines an approximate
15 geographic location of the communication device. Based on
the approximate location, the infrastructure transmits a
request to the communication device for a more accurate
location of the device preferably together with a map of an
area that includes the approximate location of the device.
20 The communication device preferably displays at least the
map to a user of the device and, responsive to user input,
transmits the more accurate location of the device to the
system infrastructure. After receiving the more accurate
location, the system infrastructure conveys the location to
25 a target device preferably identified in the original
location request received by the infrastructure.

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